*Brain Research*, 22 (1994) 347–348
© 1994 Elsevier Science B.V. All rights reserved 0169-328X/94/$07.00


# Author Index


Abe, H., Shima, H., Sekiguchi, M., Guo, H., Nagao, M., Tamura, S. and Kondo, H.
Localization of mRNA for protein phosphatase 2A in the brain of adult rats (22) 139
Agid, Y., see Blanchard, V. (22) 29
Arányi, P., see Horváth, E.J. (22) 211
Augood, S.J. and Emson, P.C.
Adenosine $A_{2a}$ receptor mRNA is expressed by enkephalin cells but not by somatostatin cells in rat striatum: a co-expression study (22) 204

Baker, H., see Park, D.H. (22) 20
Barraclough, C.A., see Molnar, J. (22) 97
Beech, M.M., see Ninkina, N.N. (22) 39
Bele, S., Gass, P., Herdegen, T., Bravo, R. and Kiessling, M.
Concurrent immediate early gene induction by epileptic seizures in heterotopic cortical grafts and neocortex (22) 9
Black, J.A., Yokoyama, S., Higashida, H., Ransom, B.R. and Waxman, S.G.
Sodium channel mRNAs I, II and III in the CNS: cell-specific expression (22) 275
Blanchard, V., Raisman-Vozari, R., Vyas, S., Michel, P.P., Javoy-Agid, F., Uhl, G. and Agid, Y.
Differential expression of tyrosine hydroxylase and membrane dopamine transporter genes in subpopulations of dopaminergic neurons of the rat mesencephalon (22) 29
Bleck, V., see Lewin, E. (22) 320
Boado, R.J., Wang, L. and Pardridge, W.M.
Enhanced expression of the blood–brain barrier GLUT1 glucose transporter gene by brain-derived factors (22) 259
Bohn, M.C., see O'Banion, M.K. (22) 57
Bravo, R., see Bele, S. (22) 9
Bravo, R., see Herdegen, T. (22) 245
Buda, M., see Sturtz, F. (22) 107

Castelnau, P., see Lazarini, F. (22) 268
Cerruti, C., Pilotte, N.S., Uhl, G. and Kuhar, M.J.
Reduction in dopamine transporter mRNA after cessation of repeated cocaine administration (22) 132
Cha, J.-H.J., Kinsman, S.L. and Johnston, M.V.
RNA editing of a human glutamate receptor subunit (22) 323
Chen, D.-Z., see Ohkuma, S. (22) 166
Chen, S.-H., see Ohkuma, S. (22) 166
Chermann, J.-F., see Lazarini, F. (22) 268
Cohen, D., see Vidovic, M. (22) 49
Cooper, D.M.F., see Mons, N. (22) 236
Coote, P.R., see Ninkina, N.N. (22) 39

Deslys, J.-P., see Lazarini, F. (22) 268
Didier-Bazes, M., see Sallanon-Moulin, M. (22) 113
Dildy-Mayfield, J.E., see Lewin, E. (22) 320
Dormont, D., see Lazarini, F. (22) 268
Dreixler, J.C. and Leonard, J.P.
Subunit-specific enhancement of glutamate receptor responses by zinc (22) 144

Emson, P.C., see Augood, S.J. (22) 204
Endoh, M., Pulsinelli, W.A. and Wagner, J.A.
Transient global ischemia induces dynamic changes in the expression of bFGF and the FGF receptor (22) 76

Fages, C., see Sallanon-Moulin, M. (22) 113
Faucon Biguet, N., see Sturtz, F. (22) 107
Fekete, M.I.K., see Horváth, E.J. (22) 211
Follesa, P., Wrathall, J.R. and Mocchetti, I.
Increased basic fibroblast growth factor mRNA following contusive spinal cord injury (22) 1
Foster, O.J.F., see Nisbet, A.P. (22) 329
Furuyama, T., see Iwahashi, Y. (22) 341

Gannon, M.N. and McEwen, B.S.
Distribution and regulation of calmodulin mRNAs in rat brain (22) 186
Gass, P., see Bele, S. (22) 9
George, S.R., see Ren, W.-Z. (22) 173
Getchell, M.L., see Takami, S. (22) 193
Getchell, T.V., see Takami, S. (22) 193
Goc, A., see Stachowiak, M.K. (22) 309
Goldstein, M.E., see Huang, F.-L. (22) 290
Gonzalez, A.M., Walther, D., Pazos, A. and Uhl, G.R.
Synaptic vesicular monoamine transporter expression: distribution and pharmacologic profile (22) 219
Guo, H., see Abe, H. (22) 139
Gwinn, R.P., see Lowenstein, D.H. (22) 299
Gyüre, K.I., see Horváth, E.J. (22) 211

Harris, R.A., see Lewin, E. (22) 320
He, J.-R., see Molnar, J. (22) 97
Helke, C.J., see Huang, F.-L. (22) 290
Henderson, J.T., Seniuk, N.A. and Roder, J.C.
Localization of CNTF immunoreactivity to neurons and astroglia in the CNS (22) 151
Herdegen, T., Rüdiger, S., Mayer, B., Bravo, R. and Zimmermann, M.
Expression of nitric oxide synthase and colocalisation with Jun, Fos and Krox transcription factors in spinal cord neurons following noxious stimulation of the rat hindpaw (22) 245
Herdegen, T., see Bele, S. (22) 9
Higashida, H., see Black, J.A. (22) 275
Hill, C.E., see Vidovic, M. (22) 49
Hong, J.-S., see Stachowiak, M.K. (22) 309
Horváth, E.J., Palkovits, M., Lenkei, Z., Gyüre, K.I., Fekete, M.I.K. and Arányi, P.
Autoradiographic localization and quantitative determination of specific binding sites of anxiolytic homophthalazines (formerly called 2,3-benzodiazepines) in the striato-pallido-nigral system of rats (22) 211
Huang, F.-L., Zhuo, H., Sinclair, C., Goldstein, M.E., McCabe, J.T. and Helke, C.J.
Peripheral deafferentation alters calcitonin gene-related peptide mRNA expression in visceral sensory neurons of the nodose and petrosal ganglia (22) 290

Inagaki, S., see Iwahashi, Y. (22) 341
Iwahashi, Y., Furuyama, T., Inagaki, S., Morita, Y. and Takagi, H.
Distinct regulation of sodium channel types I, II and III following nerve transection (22) 341

Javoy-Agid, F., see Blanchard, V. (22) 29
Jhamandas, J.H., see Petrov, T. (22) 333
Jiang, H.-K., see Stachowiak, M.K. (22) 309
Joh, T.H., see Park, D.H. (22) 20
Johnston, M.V., see Cha, J.-H.J. (22) 323
Jouvet, M., see Sallanon-Moulin, M. (22) 113

Kaneko, S., Yuasa, J., Takahashi, H. and Satoh, M.
Functional expression of $Ca^{2+}$-mobilizing opioid receptors in *Xenopus* oocytes injected with rat brain mRNA (22) 69
Katsura, M., see Ohkuma, S. (22) 166
Kelso, S.R., see Omerovic, A. (22) 89
Kiessling, M., see Bele, S. (22) 9
Kim, K.S., see Park, D.H. (22) 20
Kingsbury, A., see Nisbet, A.P. (22) 329
Kinsman, S.L., see Cha, J.-H.J. (22) 323
Kondo, H., see Abe, H. (22) 139
Krukoff, T.L., see Petrov, T. (22) 333
Kuhar, M.J., see Cerruti, C. (22) 132
Kuriyama, K., see Ohkuma, S. (22) 166

Lazarini, F., Castelnau, P., Chermann, J.-F., Deslys, J.-P. and Dormont, D.
Modulation of prion protein gene expression by growth factors in cultured mouse astrocytes and PC-12 cells (22) 268
Lees, A.J., see Nisbet, A.P. (22) 329
Lenkei, Z., see Horváth, E.J. (22) 211
Leonard, J.P., see Dreixler, J.C. (22) 144
Leonard, J.P., see Omerovic, A. (22) 89
Lewin, E., Bleck, V., Dildy-Mayfield, J.E. and Harris, R.A.
$GABA_A$ and glutamate receptor subunit mRNAs in cortex of mice chemically kindled with FG 7142 (22) 320
Liew, C.-C., see Ren, W.-Z. (22) 173

Lowenstein, D.H., Gwinn, R.P., Seren, M.S., Simon, R.P. and McIntosh, T.K.
Increased expression of mRNA encoding calbindin-D28K, the glucose-regulated proteins, or the 72 kDA heat-shock protein in three models of acute CNS injury (22) 299
Lukiw, W.J., Rogaev, E.I., Wong, L., Vaula, G., McLachlan, D.R.C. and St George Hyslop, P.
Protein–DNA interactions in the promoter region of the amyloid precursor protein (APP) gene in human neocortex (22) 121

Mallet, J., see Sturtz, F. (22) 107
Margolskee, R.F., see Takami, S. (22) 193
Marsden, C.D., see Nisbet, A.P. (22) 329
Mayer, B., see Herdegen, T. (22) 245
McCabe, J.T., see Huang, F.-L. (22) 290
McEwen, B.S., see Gannon, M.N. (22) 186
McIntosh, T.K., see Lowenstein, D.H. (22) 299
McLachlan, D.R.C., see Lukiw, W.J. (22) 121
McLaughlin, S.K., see Takami, S. (22) 193
Michel, P.P., see Blanchard, V. (22) 29
Mocchetti, I., see Follesa, P. (22) 1
Molnar, J., He, J.-R. and Barraclough, C.A.
Effects of morphine on hypothalamic tyrosine hydroxylase mRNA levels in dopaminergic neurons and on preoptic DOPAC levels measured by microdialysis (22) 97
Mons, N. and Cooper, D.M.F.
Selective expression of one $Ca^{2+}$-inhibitable adenylyl cyclase in dopaminergically innervated rat brain regions (22) 236
Montpied, P., see Weller, M. (22) 227
Morita, Y., see Iwahashi, Y. (22) 341

Nagao, M., see Abe, H. (22) 139
Ng, G.Y.K., see Ren, W.-Z. (22) 173
Ninkina, N.N., Willoughby, J.J., Beech, M.M., Coote, P.R. and Wood, J.N.
Molecular cloning of a resiniferatoxin-binding protein (22) 39
Nisbet, A.P., Foster, O.J.F., Kingsbury, A., Lees, A.J. and Marsden, C.D.
Nitric oxide synthase mRNA expression in human subthalamic nucleus, striatum and globus pallidus: implications for basal ganglia function (22) 329

O'Banion, M.K., Young, D.A. and Bohn, M.C.
Corticosterone-responsive mRNAs in primary rat astrocytes (22) 57
O'Dowd, B.F., see Ren, W.-Z. (22) 173
Ohkuma, S., Katsura, M., Chen, D.-Z., Chen, S.-H. and Kuriyama, K.
Presence of *N*-methyl-D-aspartate (NMDA) receptors in neuroblastoma × glioma hybrid NG108-15 cells-analysis using [$^{45}Ca^{2+}$]influx and [$^{3}$H]MK-801 binding as functional measures (22) 166
Omerovic, A., Leonard, J.P. and Kelso, S.R.
Effects of nitroprusside and redox reagents on NMDA receptors expressed in *Xenopus* oocytes (22) 89
Osmond, D.H., see Ren, W.-Z. (22) 173

Palkovits, M., see Horváth, E.J. (22) 211
Pardridge, W.M., see Boado, R.J. (22) 259
Park, D.H., Stone, D.M., Baker, H., Kim, K.S. and Joh, T.H.
Early induction of rat brain tryptophan hydroxylase (TPH) mRNA following parachlorophenylalanine (PCPA) treatment (22) 20
Paul, S.M., see Weller, M. (22) 227
Pazos, A., see Gonzalez, A.M. (22) 219
Petrov, T., Jhamandas, J.H. and Krukoff, T.L.
Electrical stimulation of the central nucleus of the amygdala induces fos-like immunoreactivity in the hypothalamus of the rat: a quantitative study (22) 333
Pilotte, N.S., see Cerruti, C. (22) 132
Poisner, A., see Stachowiak, M.K. (22) 309
Pulsinelli, W.A., see Endoh, M. (22) 76

Raisman-Vozari, R., see Blanchard, V. (22) 29
Ransom, B.R., see Black, J.A. (22) 275
Ren, W.-Z., Ng, G.Y.K., Wang, R.-X., Wu, P.H., O'Dowd, B.F., Osmond, D.H., George, S.R. and Liew, C.-C.
The identification of NP25: a novel protein that is differentially expressed by neuronal subpopulations (22) 173
Roder, J.C., see Henderson, J.T. (22) 151
Rogaev, E.I., see Lukiw, W.J. (22) 121
Rollet, D., see Sturtz, F. (22) 107
Roudier, V., see Sallanon-Moulin, M. (22) 113
Rüdiger, S., see Herdegen, T. (22) 245

Sallanon-Moulin, M., Touret, M., Didier-Bazes, M., Roudier, V., Fages, C., Tardy, M. and Jouvet, M.
Glutamine synthetase modulation in the brain of rats subjected to deprivation of paradoxical sleep (22) 113
Satoh, M., see Kaneko, S. (22) 69
Sekiguchi, M., see Abe, H. (22) 139
Seniuk, N.A., see Henderson, J.T. (22) 151
Seren, M.S., see Lowenstein, D.H. (22) 299
Shima, H., see Abe, H. (22) 139
Simon, R.P., see Lowenstein, D.H. (22) 299
Sinclair, C., see Huang, F.-L. (22) 290
Stachowiak, E.K., see Stachowiak, M.K. (22) 309
Stachowiak, M.K., Goc, A., Hong, J.-S., Poisner, A., Jiang, H.-K. and Stachowiak, E.K.
Regulation of tyrosine hydroxylase gene expression in depolarized non-transformed bovine adrenal medullary cells: second messenger systems and promoter mechanisms (22) 309
St George Hyslop, P., see Lukiw, W.J. (22) 121
Stone, D.M., see Park, D.H. (22) 20
Sturtz, F., Rollet, D., Faucon Biguet, N., Mallet, J. and Buda, M.
Long term alteration in tyrosine hydroxylase mRNA levels in rat locus coeruleus after intraventricular injection of 5,6-dihydroxytryptamine (22) 107

Takagi, H., see Iwahashi, Y. (22) 341
Takahashi, H., see Kaneko, S. (22) 69
Takami, S., Getchell, T.V., McLaughlin, S.K., Margolskee, R.F. and Getchell, M.L.
Human taste cells express the G protein $\alpha$-gustducin and neuron-specific enolase (22) 193
Tamura, S., see Abe, H. (22) 139
Tardy, M., see Sallanon-Moulin, M. (22) 113
Touret, M., see Sallanon-Moulin, M. (22) 113

Uhl, G., see Blanchard, V. (22) 29
Uhl, G., see Cerruti, C. (22) 132
Uhl, G.R., see Gonzalez, A.M. (22) 219

Vaula, G., see Lukiw, W.J. (22) 121
Vidovic, M., Cohen, D. and Hill, C.E.
Identification of $\alpha_2$ adrenergic receptor gene expression in sympathetic neurones using polymerase chain reaction and in situ hybridization (22) 49
Vyas, S., see Blanchard, V. (22) 29

Wagner, J.A., see Endoh, M. (22) 76
Walther, D., see Gonzalez, A.M. (22) 219
Wang, L., see Boado, R.J. (22) 259
Wang, R.-X., see Ren, W.-Z. (22) 173
Waxman, S.G., see Black, J.A. (22) 275
Weller, M., Montpied, P. and Paul, S.M.
NMDA receptor-mediated excitoprotection of cultured cerebellar granule neurons fails to alter glutamate-induced expression of c-*fos* and c-*jun* mRNAs (22) 227
Willoughby, J.J., see Ninkina, N.N. (22) 39
Wong, L., see Lukiw, W.J. (22) 121
Wood, J.N., see Ninkina, N.N. (22) 39
Wrathall, J.R., see Follesa, P. (22) 1
Wu, P.H., see Ren, W.-Z. (22) 173

Yokoyama, S., see Black, J.A. (22) 275
Young, D.A., see O'Banion, M.K. (22) 57
Yuasa, J., see Kaneko, S. (22) 69

Zhuo, H., see Huang, F.-L. (22) 290
Zimmermann, M., see Herdegen, T. (22) 245